

Title (en)  
FURNISH PRETREATMENT TO IMPROVE PAPER STRENGTH AID PERFORMANCE IN PAPERMAKING

Title (de)  
STOFFMISCHUNGSVORBEHANDLUNG ZUR ERHÖHUNG DER PAPIERFESTIGKEIT UND LEISTUNG IN DER PAPIERHERSTELLUNG

Title (fr)  
PRÉTRAITEMENT DE CHARGEMENT POUR AMÉLIORER LES PERFORMANCES D'AIDE DE RÉSISTANCE DE PAPIER DANS LA FABRICATION DE PAPIER

Publication  
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Application  
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Priority

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- US 201213399253 A 20120217
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Abstract (en)  
[origin: US2013133847A1] The invention is directed towards methods, compositions, and apparatus for increasing the strength of paper made out of a furnish having a large proportion of OCC. The method involves the following steps: 1) Providing a paper furnish having a large amount of OCC in it, 2) adding strength promoter to the furnish prior to adding a strength agent to the furnish, 3) adding a strength agent to the furnish, and 4) making a paper product from the furnish. This method allows cheap OCC material to be used in a papermaking process without the quality problems that the anionic trash in OCC typically causes. Thus paper products having low costs and high quality can be produced.

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